

St. Louis County  
McDonnell Douglas Corporation  
(Building 240)

MOD980859615

AWP

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY  
St. Louis Regional Office  
16805 Sunset Office Drive, Suite 100, St. Louis, MO 63127-1017  
(314) 822-0101  
FAX: (314) 822-0101

February 16, 1995

Mr. Joseph W. Haake, Group Manager  
Environmental and Hazardous Materials  
Services  
McDonnell Douglas Corporation  
P. O. Box 516, Building 110  
Mailcode 1111099  
St. Louis, MO 63166

RECEIVED

MAR 22 1995

RCOM SECTION

Dear Mr. Haake:

On January 16, 1995, a hazardous waste management inspection was conducted by Mr. Thomas Sims and Mr. Mike Struckhoff of my staff at McDonnell Douglas Corporation (MDC) Building 240 at 6667 Jonas Place in Hazelwood, Missouri. This inspection was conducted under the authority of the Resource Conservation and Recovery Act of 1976 (RCRA) and Subsection 260.375(9) and Section 260.377 of the Missouri Hazardous Waste Management Law.

The enclosed Inspection Record and Checklist was completed by Mr. Sims as a part of the inspection. The inspection findings documented on the enclosed checklist indicate that MDC is no longer generating or storing hazardous waste at the site.

Also enclosed are copies of the January 31, 1995, letter and correlative manifest and land disposal restriction notification, certifying the removal of hazardous waste from the facility. This certification was requested by Mr. Sims on January 27, 1995, as a part of completing the inspection.

No further response concerning the inspection is required from MDC at this time. MDC must ensure, however, that an updated generator registration form is filed with the Missouri Department of Natural Resources - Hazardous Waste Program if the relocating of missile operations to MDC Tract V(MOID # 001110 and EPA ID # MOD 075888487) resulted in any changes of information filed.



R00338916  
RCRA RECORDS CENTER

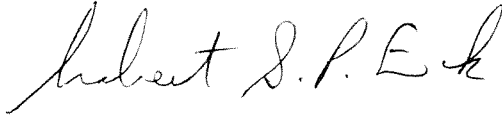


RCRA FILE COPY
MOD980859615
DOCUMENT # 3

If you have any questions on the details presented or on hazardous waste management, you may contact Mr. Sims at this office.

Sincerely,

ST. LOUIS REGIONAL OFFICE



Robert S. P. Eck  
Regional Director

*TW*  
RSPE/TWS/ps

✓c: HWP  
MDC Tract V (St. Charles County) File



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
HAZARDOUS WASTE PROGRAM  
SMALL QUANTITY GENERATOR  
**INSPECTION RECORD AND CHECKLIST**

S

SQG-INSP

ONLY FOR FACILITIES THAT GENERATE/ACCUMULATE < 1000 Kg (2,200 lbs. or approximately, 5 drums)

NAME <i>McDonnell Douglas (Building 240)</i>		DATE <i>1-26-95</i>	EPA I.D. NUMBER <i>MCD980859615</i>
ADDRESS <i>6667 Joras Place</i>		RR NO. <i>N/A</i>	MO I.D. NUMBER <i>004018</i>
CITY <i>Hazelwood</i>	NUMBER OF EMPLOYEES <i>13042</i>	YEARS AT SITE <i>N/A</i>	TELEPHONE NUMBER <i>(314) 232-3319</i>
FACILITY REPRESENTATIVE(S), TITLE(S)			

**DESCRIPTION OF THE FACILITY'S OPERATIONS AND PLANT**

*Facility's operation had ceased as of May 1994. The facility was previously utilized as a warehouse, including for laboratory chemicals. The facility was also utilized for missile component operations, which were relocated to McDonnell Douglas Corporation Tract IV in St. Charles, Missouri under USEPA ID# MCD075888487.*

**WASTE STREAMS**

DESCRIBE EACH WASTE STREAM GENERATED INCLUDING THE PRODUCTION PROCESS	GENERATION RATE	EPA ID NUMBER	DISPOSITION
<i>No hazardous waste being generated by McDonnell Douglas at site at time of inspection</i>			
1.			
2.			
3.			
4.			
5.			

**CHECK ALL THAT APPLY (Specify if possible)**

- |                                       |   |   |
|---------------------------------------|---|---|
| <input type="checkbox"/> NPDES Permit | <input type="checkbox"/> Lead/Acid Batteries          | <input type="checkbox"/> POTW                     |
| <input type="checkbox"/> Septic Tank  | <input type="checkbox"/> H.W. Burner/Blender/Marketer | <input type="checkbox"/> Solid Waste Landfill     |
| <input type="checkbox"/> Air Permit   | <input type="checkbox"/> Precious Metal Reclamation   | <input type="checkbox"/> Waste Water Pretreatment |

**A. GENERAL**

1	<input checked="" type="checkbox"/> Registered as a HW Generator - Section 260.380.1 (1) RSMo and 10 CSR 25-5.262 (2)(A)	GGR
2	<input checked="" type="checkbox"/> Facility determines if waste is hazardous - 10 CSR 25-5.262(1) incorporating 40 CFR 262.11	GGR
3	<input checked="" type="checkbox"/> Utilizes a licensed hazardous waste transporter - Section 260.380.1 (5) RSMo	GGR
4	<input checked="" type="checkbox"/> Utilizes authorized HW TSD or RR facility - Section 260.380.1(7) RSMo	GGR
5	<input checked="" type="checkbox"/> Facility does not operate as a TSD - Section 260.390(1) RSMo	GGR

COMMENTS

**PART 1: WALK-THROUGH INSPECTION****B. PRETRANSPORT, CONTAINERIZATION & STORAGE**

1	<input checked="" type="checkbox"/> Storage does not exceed 180 days (270 days if transported > 200 miles) - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(e)	GSQ
2	<input checked="" type="checkbox"/> Containers in good condition - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(2) referencing 40 CFR 265.171	GPT
3	<input checked="" type="checkbox"/> Waste compatible with container - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(2) referencing 40 CFR 265.172	GPT
4	<input checked="" type="checkbox"/> Containers closed in storage - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(2) referencing 40 CFR 265.173(a)	GPT
5	<input checked="" type="checkbox"/> Containers storing incompatible waste separated or protected from each other by a dike, berm or wall - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(2) referencing 40 CFR 265.177(c)	GPT
6	<input type="checkbox"/> Containers of ignitable or reactive waste stored > 50 ft. from property line (or meet requirements) - 10 CSR 25-5.262 (2)(C)5. referencing 40 CFR 265.176 as amended by 10 CSR 25-7.265 (2)(I)3.	GOR
7	<input type="checkbox"/> Waste packaged/labeled/marked per DOT during entire on-site storage period - 10 CSR 25-5.262 (2)(C)1.	GOR
8	<input type="checkbox"/> Date of accumulation marked on containers - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 262.34(a)(2)	GPT
9	<input type="checkbox"/> Containers protected from contact with accumulated liquids - 10 CSR 25-5.262(2)(C)2.B.(II)	GOR
10	<input type="checkbox"/> Containers clearly marked "hazardous waste" - 10 CSR 25-5.262(I) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 262.34(a)(3)	GPT
11	<input type="checkbox"/> Facility inspected and maintained (weekly) - 10 CSR 25-5.262(2)(C)2.A.(II)	GPT
12	<input type="checkbox"/> Daily inspection of areas subject to spills, ie. waste handling areas - 10 CSR 25-5.262(2)(C)2.A.(II)	GOR
13	<input type="checkbox"/> Adequate aisle space is available - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.35	GPT
14	<input type="checkbox"/> Placards available for transporter - 10 CSR 25-5.262(1) incorporating 40 CFR 262.33	GPT
15	<input type="checkbox"/> "No Smoking" signs conspicuously placed by ignitable or reactive wastes - 10 CSR 25-5.262(2)(C)2.D.(II)	GOR
16	<input checked="" type="checkbox"/> Waste oil containers in good condition, labeled and closed - 10 CSR 25-11.010(3)(C)	GOR

COMMENTS

*No hazardous waste found being generated or stored at time of inspection at the site*

**C. SATELLITE ACCUMULATION**

1	<input checked="" type="checkbox"/> Containers kept closed - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.173	GPT
2	<input checked="" type="checkbox"/> Containers in good condition - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.171	GPT
3	<input checked="" type="checkbox"/> Waste compatible with container - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.172	GPT
4	<input checked="" type="checkbox"/> Quantities accumulated not exceeding 55 gal. (1 quart of acutely hazardous wastes) - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)	GPT
5	<input checked="" type="checkbox"/> Satellite containers go to storage within 3 days of filling - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)3	GPT
6	<input checked="" type="checkbox"/> Container marked identifying contents & beginning date - 10 CSR 25-5.262(2)(C)3.	GOR

COMMENTS

7. <input type="checkbox"/> Stored in satellite areas less than 1 year - 10 CSR 25-5.262(2)(C)3.	GOR	COMMENTS
--	-----	----------

D. PREPAREDNESS AND PREVENTION AND EMERGENCY PROCEDURES		
1. <input checked="" type="checkbox"/> Facility operated and maintained to minimize the possibility of an emergency - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.31	GPT	COMMENTS
2. <input type="checkbox"/> Adequate and proper spill control, decontamination and safety equipment available (fire blankets, respirators, SCBA, absorbents, etc.) and properly tested and maintained - 10 CSR 25-5.262 (1) incorporating 40 CFR 262.34 (d)(4) referencing 40 CFR 265 Subpart C.	GPT	
3. <input type="checkbox"/> Adequate water supply and fire control equipment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.32(d)	GPT	
4. <input type="checkbox"/> Communication and emergency equipment tested and maintained - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.33	GPT	
5. <input type="checkbox"/> Emergency coordinator's name and phone number posted near phone - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(ii)	GSQ	
6. <input type="checkbox"/> Telephone number of fire department posted near phone - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(iii)	GSQ	
7. <input type="checkbox"/> Location of fire extinguisher and spill control equipment posted near phone - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(ii)	GSQ	
8. <input type="checkbox"/> Employees familiar with waste handling and emergency procedures - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(iii)	GSQ	
9. <input type="checkbox"/> Device in the hazardous waste operation area capable of summoning emergency assistance - 10 CSR 25-5.262 (1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.34(a)	GPT	
10. <input checked="" type="checkbox"/> Telephone or two-way radio onsite and capable of summoning local fire or police dept. - 10 CSR 25-5.262 (1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.32(b)	GPT	

E. SQG TANKS				
TANK DESIGNATION	CONTENTS	CAPACITY	CONTAINMENT	AGE
1. <i>NA - No tanks</i>				
2.				
3.				

1. <input checked="" type="checkbox"/> Uncovered tanks have 2 ft. freeboard or containment system - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(b)(3)	GPT	COMMENTS
2. <input checked="" type="checkbox"/> Continuously fed tanks equipped with a feed cut-off system or a proper by-pass system - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(b)(4)	GPT	
3. <input checked="" type="checkbox"/> Waste and/or treatment method is compatible with tank - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(b)(2)	GPT	
4. <input checked="" type="checkbox"/> Incompatible wastes not placed in same tank - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(i)	GPT	
5. <input checked="" type="checkbox"/> Ignitable or reactive wastes rendered safe/protected from sources of ignition or reaction - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(e)(1)	GPT	
6. <input checked="" type="checkbox"/> Ignitable or reactive wastes in covered tanks treated/stored in accordance with NFPA's buffer zone requirements - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(e)(2)	GPT	
7. <input checked="" type="checkbox"/> Volatiles with vapor pressure > 78 mm Hg @ 25° C not placed in open tanks - 10 CSR 25-5.262(2)(C)2.D.(i)	GOR	
8. <input checked="" type="checkbox"/> Wastes and residues removed from tank and equipment, and handled properly upon closure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(d)	GPT	
9. <input checked="" type="checkbox"/> Tanks are clearly labeled or marked "Hazardous Waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 262.34(a)(3)	GPT	

10. <input type="checkbox"/> Inspection of waste feed cut off, bypass system, monitoring data and freeboard each operating day - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(c)	GPT	COMMENTS
11. <input type="checkbox"/> Weekly inspection of confinement structure, construction materials and general area for leaks, corrosion or discharges - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(3) referencing 40 CFR 265.201(c)5	GPT	
12. <input type="checkbox"/> Waste oil tanks in good condition, labeled and closed - 10 CSR 25-11.010(3)(C)	GOR	

## PART 2: RECORDS INSPECTION

### F. MANIFESTS

1. <input checked="" type="checkbox"/> Facility uses manifest system or wastes reclaimed under contractual agreement - 260.380.1(6) RSMo, and 10 CSR 25-5.262(2)(B)	GMR	COMMENTS
2. <input type="checkbox"/> Generator maintains a copy of the contractual agreement on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.20(e)(2)	GMR	
3. <input type="checkbox"/> Records maintained for a 3-year period - 10 CSR 25-5.262(1) incorporating 40 CFR 262.40(a)	GRR	
4. <input checked="" type="checkbox"/> Generator's MO & EPA I.D. Numbers - 10 CSR 25-5.262(2)(B)	GOR	
5. <input checked="" type="checkbox"/> Manifest document, ID and consecutive shipment numbers - 10 CSR 25-5.262(2)(B)2.A	GOR	
6. <input checked="" type="checkbox"/> Generator's name, address and phone number - 10 CSR 25-5.262(2)(B)1.	GMR	
7. <input checked="" type="checkbox"/> All transporters' names, phone numbers, license plate #s, MO & EPA I.D.#s - 10 CSR 25-5.262(2)(B)2.	GMR	
8. <input checked="" type="checkbox"/> Designated facility name, address, phone, MO & EPA I.D. #, - 10 CSR 25-5.262(2)(B)1.	GMR	
9. <input checked="" type="checkbox"/> DOT shipping name, Hazard Class and waste I.D. # (RQ - if required) - 10 CSR 25-5.262(2)(B)2.	GMR	
10. <input checked="" type="checkbox"/> Containers, quantity and specific gravity designated - 10 CSR 25-5.262(2)(B)2.	GMR	
11. <input checked="" type="checkbox"/> Manifest signed and dated - 10 CSR 25-5.262(2)(B)1.	GMR	
12. <input type="checkbox"/> Out of state manifests have all required MO information - 10 CSR 25-5.262(2)(B)4.A	GOR	
13. <input checked="" type="checkbox"/> Manifest continuation sheets are not used - 10 CSR 25-5.262(2)(B)1	GOR	
14. <input checked="" type="checkbox"/> Manifest returned within 35 days - or exception report submitted within 45 days - 10 CSR 25-5.262(2)(D)2.C	GRR	
15. <input type="checkbox"/> Summary Manifest Reports and manifest copies sent to DNR quarterly - 10 CSR 25-5.262(2)(D)1	GOR	
16. <input checked="" type="checkbox"/> Tests waste or uses knowledge of waste to determine if the waste is restricted from land disposal - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	
17. <input checked="" type="checkbox"/> "Land-Ban" notification/certification sent with manifests or with 1st shipment under a tolling agreement & retained on-site for 5 years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	
18. <input checked="" type="checkbox"/> Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB	

### G. PREPAREDNESS AND PREVENTION

1. <input type="checkbox"/> Arrangements with local emergency agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(4) referencing 40 CFR 265.37	GPT	COMMENTS
2. <input type="checkbox"/> Emergency coordinator(s) on premise or on call - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(d)(5)(i)	GSQ	

### H. WASTE OIL

1. <input type="checkbox"/> Waste oil is managed properly and not disposed of into the environment - 10 CSR 25-11.010(1)(D)	GOR	COMMENTS
2. <input type="checkbox"/> Listed hazardous waste mixed with waste oil is handled as a hazardous waste - 10 CSR 25-11.010(1)(C)2.	GOR	
3. <input type="checkbox"/> Registered as waste oil generator if gen./accum. 220 lb. - 10 CSR 25-11.010(2)(A)	GOR	
4. <input type="checkbox"/> Written waste oil contract maintained - 10 CSR 25-11.010(4)(C)	GOR	
5. <input checked="" type="checkbox"/> Uses a licensed transporter and receiving facility - 10 CSR 25-11.010(4)	GOR	

# **I. RESOURCE RECOVERY**

1. <input type="checkbox"/> RR certification for energy recovery or reclamation of waste oil or hazardous waste on-site - 10 CSR 25-9.020(1)(A)3.	GOR
2. <input type="checkbox"/> Still bottoms or RR residues disposed of properly - Section 260.380.1(5) RSMo.	GOR
3. <input type="checkbox"/> Facility is classified as U, R1, or R2 accurately - 10 CSR 25-9.020(3)(A).	GOR
4. <input type="checkbox"/> Facility meets the operating conditions of certification - 10 CSR 25-9.020(3).	GOR
5. <input type="checkbox"/> Facility has submitted a written request and received approval from the DNR for all changes in operation including closure - 10 CSR 25-9.020(3)(E)1 and 2.	GOR
6. <input type="checkbox"/> Facility report submitted to DNR quarterly - 10 CSR 25-9.020(3)(E)6. referencing 10 CSR 25-7.264(2)(E)3.	GOR
7. <input type="checkbox"/> Facility maintains a complete written operating record - 10 CSR 25-9.020(3)(E)5. referencing 40 CFR 264.73(b)(1) and (2) as modified by 10 CSR 25-7.264(2)(E)2.	GOR
8. <input type="checkbox"/> Facility has notified EPA and the state that it qualifies for a small quantity on-site burner exemption or has interim status or a permit if it burns hazardous waste on-site - 10 CSR 25-7.266(1) incorporating 40 CFR 266.108 and 40 CFR 266.103.	GOR

## **COMMENTS**

### **CHECKLIST KEY**

Check the ☒ if in compliance.

Circle the ☐ if not in compliance and provide comment.

N/A = Not Applicable

A shaded item is a serious deviation from the requirements (Class I violation)

An unshaded item is a significant deviation from the requirements (Class II violation unless conditions warrant Class I)

COMMENTS: INCLUDE DISCUSSION OF FACILITY'S WASTE MINIMIZATION PLAN

INSPECTOR'S SIGNATURE

DATE

240-041, 080 (Ham)

780859615

INSTRUCTIONS FOR THE COM-  
PLETION OF THIS FORM ARE ON A  
SEPARATE SHEET.

THIS DOCUMENT MUST BE USED  
FOR ALL MISSOURI-DESTINED  
SHIPMENTS.

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
Division of Environmental Quality  
Hazardous Waste Program  
P.O. Box 176 Jefferson City, Missouri 65102  
314-751-3176

FEB 1 1995  
240-047  
D. DEPT. C 080  
ST. LOUIS

EMERGENCY RESPONSE  
U.S. COAST GUARD  
1-800-424-6802  
CHEM TREC  
1-800-424-9300  
DEPT. OF NATURAL RESOURC  
314-634-2436

## HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No 59618	Manifest Document No. 004008	2. Page 1 of 1	Information in the shaded areas is required by State law.	
3. Generator's Name and Mailing Address McDonnell Douglas Corporation, mail code 1111099 6667 Jonas Pl., Hazelwood, MO 63042				A. Missouri Manifest Document Number 004008, 0049		
4. Generator's Phone (314) 232-3319				B. G.S.I. (Gen. Site Address) 004008 Same		
5. Transporter 1 Company Name McDonnell Douglas Corporation		6. US EPA ID Number 1100000818963		C. MO. Trans. ID 111111111111 H-1039		
7. Transporter 2 Company Name None		8. US EPA ID Number		D. Transporter's Phone 314-232-9327		
9. Designated Facility Name and Site Address McDonnell Douglas Corporation Lindbergh & McDonnell Blvd. Hazelwood, MO 63042		10. US EPA ID Number 1100000818963		E. MO. Trans. ID		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				F. Transporter's Phone		
a. RU, hazardous waste liquid, N.O.S. (oil contaminated with chlorinated solvents) 9. NA3082, PGI II (D039/D040/F001/F002) ERG#31				G. State Facility's ID RRO268 MOD000818963		
b. RW WASTE FLAMMABLE LIQUID, N.O.S. (FLAMMABLE LABORATORY CHEMICALS - LAB PACK), 3, UN1993, PG II, (D001) ERG#27				H. Facility's Phone 314-232-3319		
12. Containers				13. Total Quantity		
Number Type				Unit Wt/Vol.		
a. 221 DM 200.55 G				14. EPA Waste Code F 0 0 1		
b. 203 DM 264.00 G				STATE None		
c.				EPA Waste Code D 0 0 1		
d.				STATE None		
J. Additional Descriptions for Materials Listed Above				K. HANDLING CODE (FACILITY USE ONLY)		
a. also F002/B039/D040 MO ID 047 S.G. .857				INTERIM FINAL COMMENTS		
b. Also D001 MO ID 080				a. S 0 1 1 5 0		
c.				b. S 0 1 1 0 3		
d.				c.		
15. Special Handling Instructions and Additional Information "If unable to deliver to designated TSD facility, return to generator." Emergency contact: 314-232-2285 # 14-570						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford.						
Printed/Typed Name PAT BENNETT		Signature Pat Bennett		Month Day Year 05 29 94		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature W. Evans		Date 05 29 94		
Printed/Typed Name		Signature		Month Day Year		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date		
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space 116 ADD'D 080 FLAMMABLE LAB-PACK, P.B.L. TH						

GENERATOR

TRANSPORTER

FACILITY

GENERATOR FINAL COPY - PART 2

OPY MUST BE RETAINED BY THE GENERATOR AFTER ITS RETURN FROM



## MANIFEST NOTICE

Due to recent OMB and EPA regulations, enacted after the printing of the attached manifest(s), this sheet **MUST** accompany each Missouri Hazardous Waste Manifest for shipments made after January 1, 1989.

45082 Federal Register / Vol. 53, No. 216 / Tuesday, November 8, 1988 / Rules and Regulations

The following statement must be included with each Uniform Hazardous Waste Manifest, either on the form, in the instructions to the form, or accompanying the form:

Public reporting burden for this collection of information is estimated to average: 37

minutes for generators, 15 minutes for transporters, and 10 minutes for treatment, storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to: Chief, Information Policy

Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street SW., Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

BILLING CODE 5550-06-M

Please note that the above statement does not place additional requirements on those who use manifests. The purpose of the statement is to provide an avenue for public comment on the improvement of the Hazardous Waste Manifest.

When the department's existing supply of Hazardous Waste Manifests are exhausted, future printings will incorporate the above statement within the manifest's instructions.

Generator EPA ID: MOD 980859615 EPA Waste ID: D039 - D040 - F001 - F002

Manifest No.: 004008 - 0049 Facility Wastestream No.: 047

This form is submitted in compliance with 40 CFR 269.

I. WASTE IDENTIFICATION

Identify all U.S. EPA hazardous waste number(s), subcategory(ies) and treatability group(s) applicable to this waste shipment.

A. D001:

1) Ignitable Liquids:      a)  $NWW^1$  TOC  $\geq 10\%$ ;      b)  $NWW^1$  1% to  $<10\%$  TOC;      c)  $WW^2$   
     2) Ignitable Compressed Gases;      3) Ignitable Reactives;      4) Oxidizers

B. D002:      1) Acids;      2) Alkaline;      3) Other Corrosives

C. D003:      1) Reactive Cyanides;      2) Reactive Sulfides;      3) Explosives;  
     4) Water Reactives;      5) Other Reactives

D.      D009:      K106:      U151:      1) Low Mercury;      2) High Mercury

E. F025:      1) Light Ends;      2) Spent Filters/Aids & Desiccants

F. K061:      1) Low Zinc;      2) High Zinc

G. ALL OTHER U.S. EPA HAZARDOUS WASTE NUMBERS

SUBCATEGORIES (IF APPLICABLE)

D039 - D040 - F001 - F002

NONE

H. Treatability Group (if not previously indicated):

     Wastewater; X Non-Wastewater; List any others     

II. LAND DISPOSAL RESTRICTIONS

     A. Restricted wastes with EPA hazardous waste number(s)     

have treatment standards expressed as constituent concentrations in waste extract (CCWE) per 40 CFR 268.41.

X B. Restricted wastes with EPA hazardous waste number(s) F001 - F002

have treatment standards expressed as constituent concentrations in waste (CCW) per 40 CFR 268.43.

     C. Restricted wastes with EPA hazardous waste number(s)     

have treatment standards expressed as a specific technology per 40 CFR 268.42.

List the applicable five-letter treatment code:

     INCIN:      DEACT:      STABL: Other     

     D. Wastes with EPA hazardous waste number(s)     

having a treatment standard based on incineration and are contaminated soil and debris, are not subject to the land disposal prohibition until     .

     E. Wastes with EPA hazardous waste number(s)     

subject to other variance, extension or exemptions: Specify     .

<sup>1</sup> Non-Wastewater; <sup>2</sup> Wastewater

☒ F. Waste for which applicable treatment standards must be listed completely:

1.) Spent Solvents

If U.S. EPA #'s F001, F002, F003, F004 or F005 appear in Section I, check all individual constituents contained in these wastes(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5  
Spent Solvents

CCW (in mg/l)  
WW<sup>2</sup> \_\_\_ NWW<sup>1</sup> \_\_\_

___ Acetone	0.28	160
___ Benzene	0.070	3.7
___ n-Butyl Alcohol	5.6	2.6
___ Carbon Tetrachloride	0.057	5.6
___ Chlorobenzene	0.057	5.7
___ Cresols(m- & p-isomers)	0.77	3.2
___ o-Cresol	0.11	5.6
___ o-Dichlorobenzene	0.086	6.2
___ Ethyl Acetate	0.34	33
___ Ethylbenzene	0.057	6.0
___ Ethyl Ether	0.12	160
___ Isobutyl Alcohol	5.6	170
___ Methylene Chloride	0.089	33

F001-5  
Spent Solvents

CCW (in mg/l)  
WW<sup>2</sup> \_\_\_ NWW<sup>1</sup> ☒

___ Methyl Ethyl Ketone	0.28	38
___ Methyl Isobutyl Ketone	0.14	33
___ Nitrobenzene	0.068	14
___ Pyridine	0.014	16
___ Tetrachloroethylene	0.056	5.6
___ Toluene	0.08	28
___ 1,1,2-Trichloro-		
___ 1,2,2-Trifluoroethane	0.057	28
<input checked="" type="checkbox"/> 1,1,1-Trichloroethane	0.054	5.6
<input checked="" type="checkbox"/> 1,1,2-Trichloroethane	0.030	7.6
<input checked="" type="checkbox"/> Trichloroethylene	0.054	5.6
<input checked="" type="checkbox"/> Trichloromono-		
___ fluoromethane	0.02	33
___ Xylene	0.32	28

___ Carbon Disulfide	N/A	4.8
___ Cyclohexanone	N/A	0.75
___ Methanol	N/A	0.75

___ 2-Nitropropane	INCIN	INCIN
___ 2-Ethoxyethanol	INCIN	INCIN

2) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section I is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

\_\_\_ Nickel and/or compounds (as Ni)  
\_\_\_ Thallium and/or compounds (as Tl)

LIMITS  
≥134 mg/l  
≥130 mg/l

\_\_\_ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature Shelia Jean Title Dr. Negt. Assistant Date 5/25/94

Generator EPA ID: MD980 254615

EPA Waste ID: D001

Manifest No.: 004008-0049

Facility Wastestream No.: CTL

This form is submitted in compliance with 40 CFR 269.

FLAMMABLE LIQUID

I. WASTE IDENTIFICATION

Identify all U.S. EPA hazardous waste number(s), subcategory(ies) and treatability group(s) applicable to this waste shipment.

A. D001:

1) Ignitable Liquids: X a) NWW<sup>1</sup> TOC  $\geq 10\%$ ;      b) NWW<sup>1</sup> 1% to  $< 10\%$  TOC;      c) WW<sup>2</sup>  
     2) Ignitable Compressed Gases;      3) Ignitable Reactives;      4) Oxidizers

B. D002:      1) Acids;      2) Alkaline;      3) Other Corrosives

C. D003:      1) Reactive Cyanides;      2) Reactive Sulfides;      3) Explosives;  
     4) Water Reactives;      5) Other Reactives

D.      D009:      K106:      U151:      1) Low Mercury;      2) High Mercury

E. F025:      1) Light Ends;      2) Spent Filters/Aids & Desiccants

F. K061:      1) Low Zinc;      2) High Zinc

G. ALL OTHER U.S. EPA HAZARDOUS WASTE NUMBERS

SUBCATEGORIES (IF APPLICABLE)

D001

NO OTHER

H. Treatability Group (if not previously indicated):

     Wastewater; X Non-Wastewater; List any others     

II. LAND DISPOSAL RESTRICTIONS

X A. Restricted wastes with EPA hazardous waste number(s) D001  
have treatment standards expressed as constituent concentrations in waste extract (CCWE) per 40 CFR 268.41.

     B. Restricted wastes with EPA hazardous waste number(s)       
have treatment standards expressed as constituent concentrations in waste (CCW) per 40 CFR 268.43.

     C. Restricted wastes with EPA hazardous waste number(s)       
have treatment standards expressed as a specific technology per 40 CFR 268.42.  
List the applicable five-letter treatment code:

     INCIN:      DEACT:      STABL: Other     

     D. Wastes with EPA hazardous waste number(s)      having a  
treatment standard based on incineration and are contaminated soil and debris, are  
not subject to the land disposal prohibition until     .

     E. Wastes with EPA hazardous waste number(s)      subject  
to other variance, extension or exemptions: Specify     .

<sup>1</sup> Non-Wastewater; <sup>2</sup> Wastewater

\_\_\_ F. Waste for which applicable treatment standards must be listed completely:

1) Spent Solvents

If U.S. EPA #'s F001, F002, F003, F004 or F005 appear in Section I, check all individual constituents contained in these wastes(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW <sub>2</sub> (in mg/l)	NWW <sub>1</sub>
___ Acetone	0.28	160
___ Benzene	0.070	3.7
___ n-Butyl Alcohol	5.6	2.6
___ Carbon Tetrachloride	0.057	5.6
___ Chlorobenzene	0.057	5.7
___ Cresols(m- & p-isomers)	0.77	3.2
___ o-Cresol	0.11	5.6
___ o-Dichlorobenzene	0.083	6.2
___ Ethyl Acetate	0.34	33
___ Ethylbenzene	0.057	6.0
___ Ethyl Ether	0.12	160
___ Isobutyl Alcohol	5.6	170
___ Methylene Chloride	0.089	33

F001-5 Spent Solvents	CCW <sub>2</sub> (in mg/l)	NWW <sub>1</sub>
___ Methyl Ethyl Ketone	0.28	36
___ Methyl Isobutyl Ketone	0.14	33
___ Nitrobenzene	0.068	14
___ Pyridine	0.014	16
___ Tetrachloroethylene	0.056	5.6
___ Toluene	0.08	28
___ 1,1,2-Trichloro-		
___ 1,2,2-Trifluoroethane	0.057	28
___ 1,1,1-Trichloroethane	0.054	5.6
___ 1,1,2-Trichloroethane	0.030	7.6
___ Trichloroethylene	0.054	5.6
___ Trichloromono-		
___ fluoromethane	0.02	33
___ Xylene	0.32	28

	CCWE (in mg/l)
___ Carbon Disulfide	N/A 4.8
___ Cyclohexanone	N/A 0.75
___ Methanol	N/A 0.75

	Technology Code
___ 2-Nitropropane	INCIN INCIN
___ 2-Ethoxyethanol	INCIN INCIN

2) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section I is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- |   |           |
|---|-----------|
| ___ Nickel and/or compounds (as Ni)   | LIMITS    |
| ___ Thallium and/or compounds (as Tl)   | ≥134 mg/l |
|   | ≥130 mg/l |
| ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. |           |

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature [Signature] Title Dr. Negt Assistant Date 5/25/94